

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116714		APPLICATION NO. New U.S. Application <div style="font-size: 1.2em; font-family: cursive;">10/667347</div>			
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hironori OKADO		FILING DATE September 23, 2003		GROUP	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	1.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
H ✓		US 2002/0122010 A1	9/5/2002	MCCORKLE	343	767
H ✓		US 6,351,246 B1	2/26/2002	MCCORKLE	343	700as
H ✓		US 6,515,626 B2	2/4/2003	BARK et al.	343	745

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	1.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
H ✓		JP A 8-213820 w/abstract & transl. ✓	8/20/1996	JAPAN		
A		JP A 63-275204 w/abstract ✓	11/11/1988	JAPAN		
A		JP A 57-142003 w/abstract	9/2/1982	JAPAN		
A		JP A 55-4109 w/abstract	1/12/1980	JAPAN		
H ✓		31-709	1/21/1956	JAPAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
H ✓	9.	Satoshi Honda et al.; "Wideband Monopole Antenna of Circular Disc; ITEJ Technical Report; Vol 15, No 59; October 1991; pp 25-30;
A	10.	Taisuke Ihara et al; "A Small Broadband Antenna with Rounded Semi-Circuler Element"; 1996; pp 78
A	11.	Taisuke Ihara et al; "Broadband Characteristics of Semi-Circuler Antenna combined with Linear Element"; General Convention of the Society of Electronics, Information and Communication Engineers; 1996; pp 77 w/translation
H ✓	12.	Satoshi HONDA et al; " Improved Input Impedance of Circular Disc Monopole Antenna; 1992; pp 2-131

EXAMINER [Signature]	DATE CONSIDERED <div style="font-size: 1.2em; font-family: cursive;">11/10/04</div>
---	--

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: September 23, 2003